

CLAIMS:

1. A passive addressed matrix display having a plurality of luminescent picture elements arranged in the matrix, a plurality of address buses arranged in rows of the matrix and supplied with a select signal having a low signal level and a high non-select signal level, and a plurality of data buses orthogonal to the address buses, each of said luminescent picture
5 elements comprising a luminescent layer between a first and a second display electrode, characterized in that each luminescent picture element is combined with a de-coupling means connected between a respective one of the first and second display electrodes and a respective one of the address buses and the data buses, and in series with the picture element, for preventing said picture element from charging/discharging when it is in the non-select
10 state and another picture element is in the select state.
2. A matrix display as claimed in claim 1, wherein said de-coupling means includes a diode.
- 15 3. A matrix display as claimed in claim 2, wherein said diode includes a Schottky diode.
4. A matrix display as claimed in claim 2 or 3, wherein each diode and the picture element with which it is combined form a lateral arrangement.
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5. A matrix display as claimed in claim 2 or 3, wherein each diode and the picture element with which it is combined form a vertical arrangement.
6. A matrix display as claimed in claim 3, wherein the Schottky diode includes a
25 layer stack comprising a metal layer and a layer of a semiconducting polymer material.
7. A matrix display as claimed in claim 6, wherein the picture elements comprise a luminescent layer of a semiconducting polymer material, said semiconducting polymer

material having substantially the same composition as the semiconducting polymer material of the Schottky diode.

8. A matrix display as claimed in claim 1, wherein said de-coupling means
- 5 includes an electro-mechanical switch.